

FIG. 1

106701-09228001

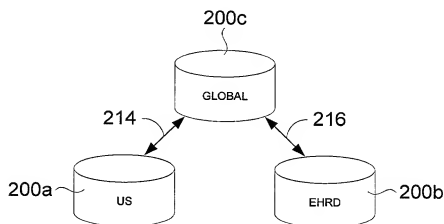


FIG. 2

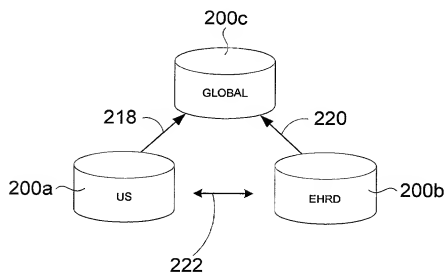


FIG. 3

10037250-1019001  
704707-09228001

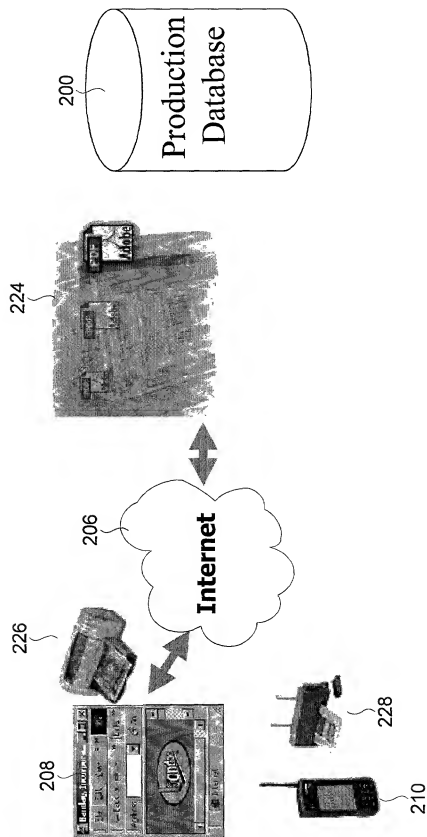


FIG. 4

106101-092E8001

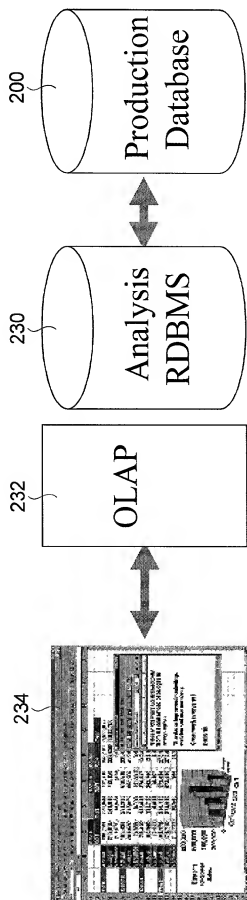


FIG. 5

1061067-09228001

FIG. 6

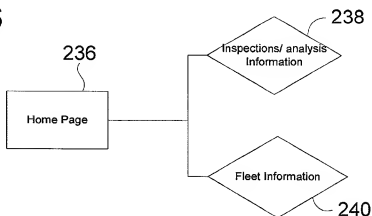


FIG. 7

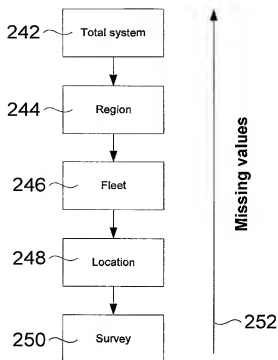


FIG. 8

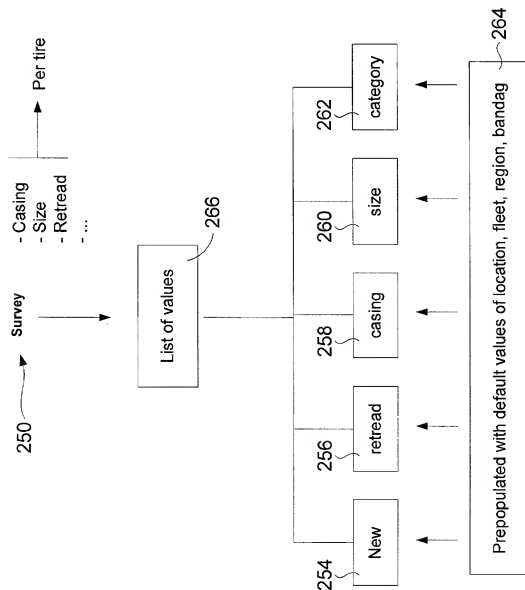
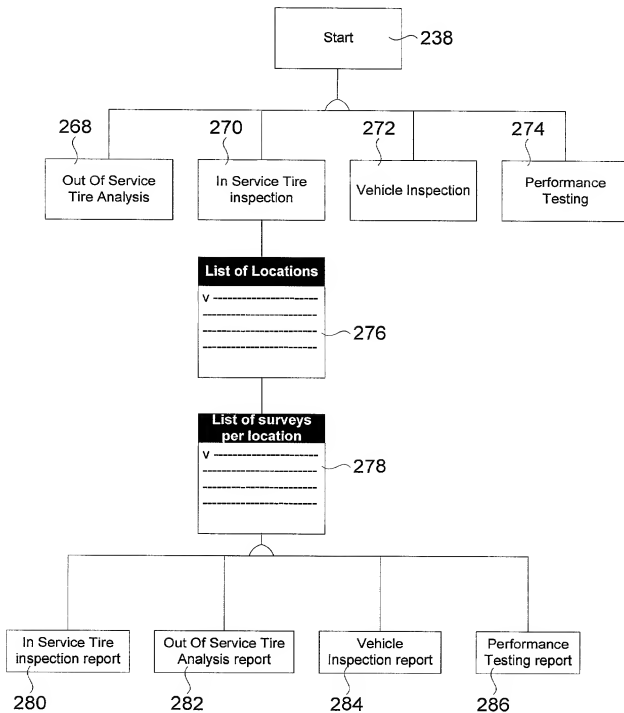


FIG. 9



1003260.101901

FIG. 10

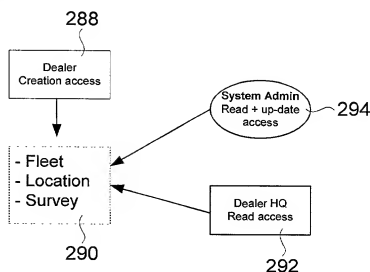


FIG. 11

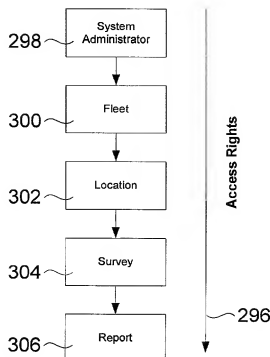
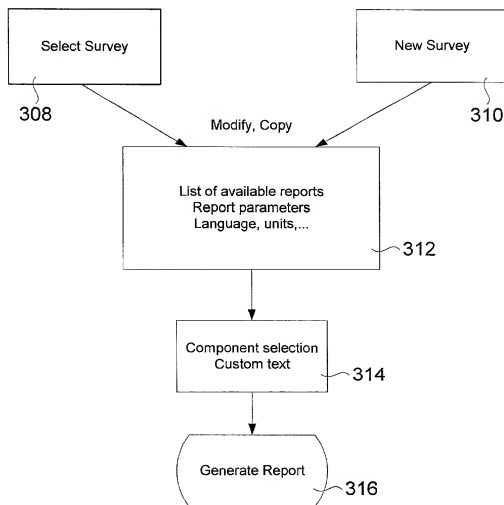




FIG. 12



10037250.10001



FIG. 14

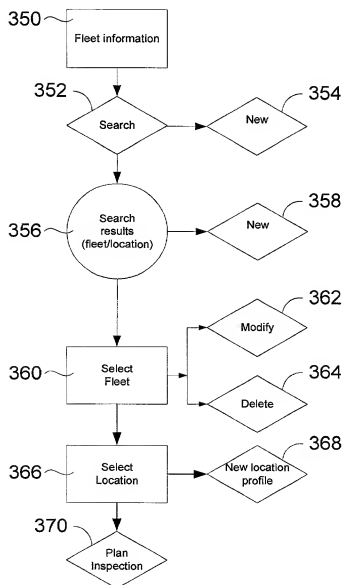
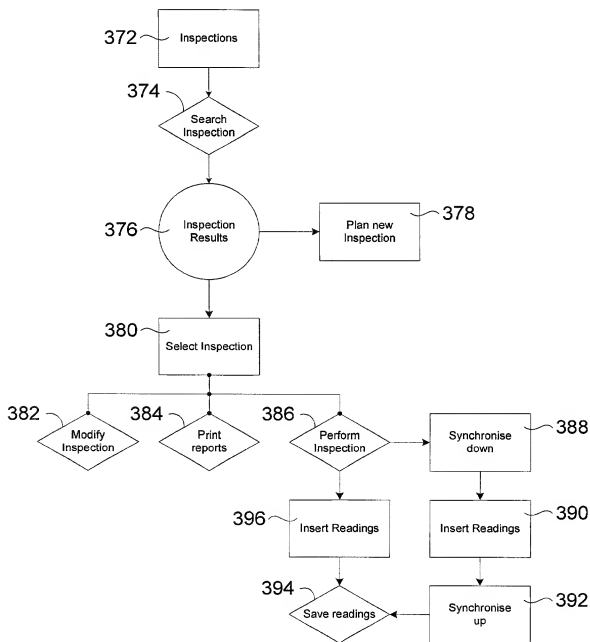


FIG. 15



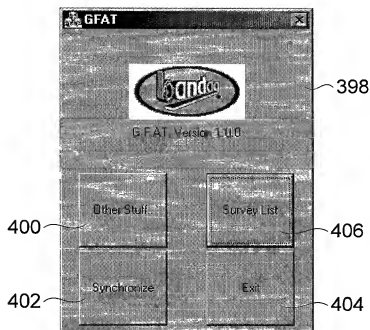


FIG. 16

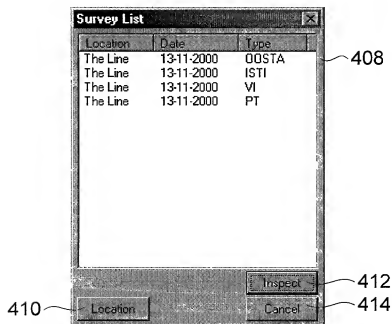


FIG. 17

FIG. 18

FIG. 19

10087260-0019001

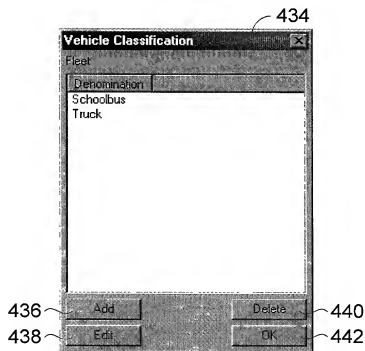


FIG. 20

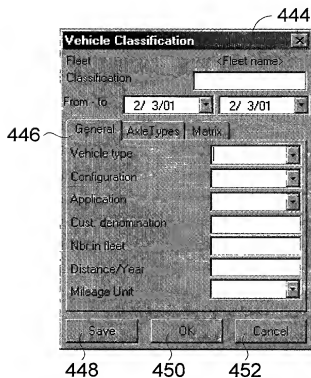


FIG. 21

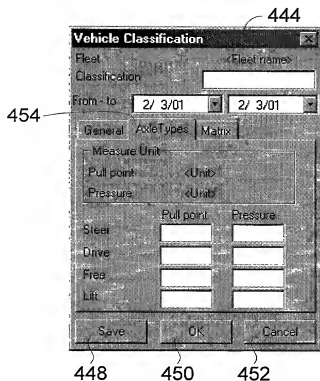


FIG. 22

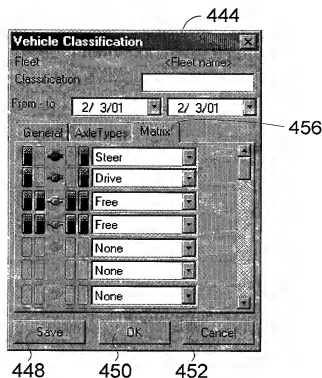


FIG. 23



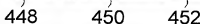


FIG. 25



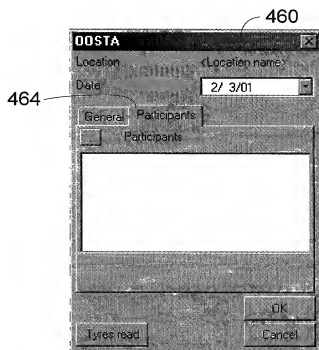


FIG. 26

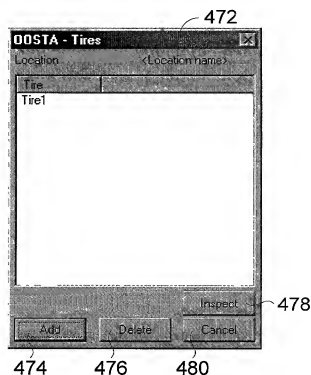


FIG. 27

10063260-101901

482

**OOSTA - Tire**

Location: <Location name>

Date: 2/ 3/01

484

Readings: Condition Codes

Tire size: [ ]

Analysis ID: [ ]

Casing manufacturer: [ ]

Original series: [ ]

Drive/trailer: [ ]

DOT serial number: [ ]

DOT Mfr. date: [ ]

Times retreaded: [ ]

Save OK Cancel

488 490 492

FIG. 28a

482

**OOSTA - Tire**

Location: <Location name>

Date: 2/ 3/01

Readings: Condition Codes

Retread manufacturer: [ ]

Retread design: [ ]

DOT Dealer: [ ]

DOT Date: [ ]

Current tread depth: [ ]

Re-grooved: ☐

Possible adjustment new: ☐

Possible adjustment retread: ☐

Re-grooved: ☐

Save OK Cancel

488 490 492

FIG. 28b

482

**OOSTA - Tire**

Location: <Location name>

Date: 2/ 3/01

Readings: Condition Codes

DOT Date: [ ]

Current tread depth: [ ]

Re-grooved: ☐

Possible adjustment new: ☐

Possible adjustment retread: ☐

Re-grooved: ☐

Retreadable: ☐

Comments: [ ]

Save OK Cancel

488 490 492

FIG. 28c

10083260-101901

482

**00STA - Tire**

Location: <Location name>

Date: 2/ 3/01

Readings: Condition Codes

Condition: Cause

Responsibility: Condition Area

Out of service cause: ☐

Save OK Cancel

488 490 492

486

FIG. 29

494

**In Service**

Location: <Location name>

Date: 2/ 3/01

496 General Participants

City:

Dealer location:

Date started:

Performed by:

Vehicles OK Cancel

504 502

500

FIG. 30

FIG. 29

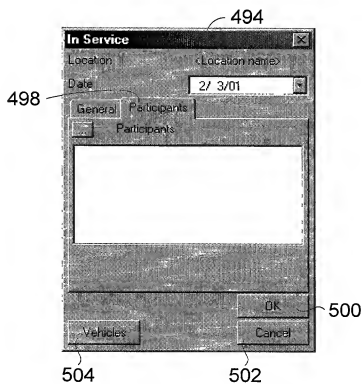


FIG. 31

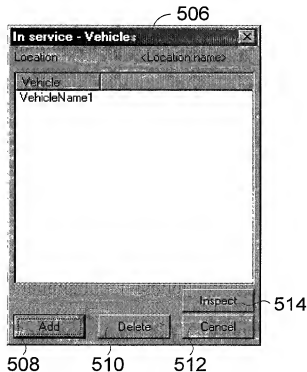


FIG. 32

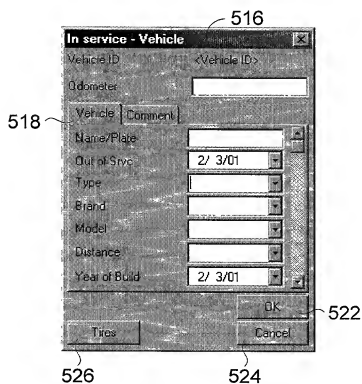


FIG. 33

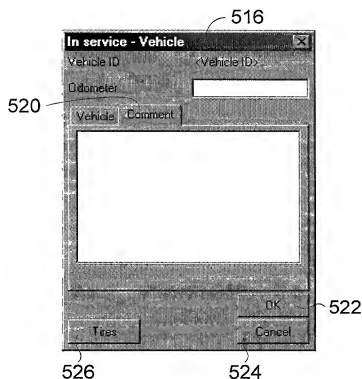


FIG. 34

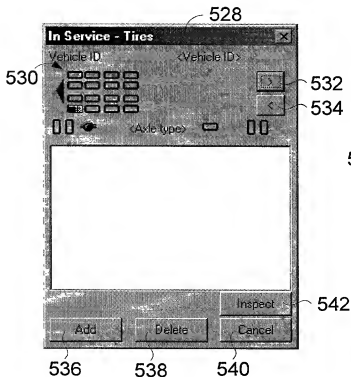


FIG. 35

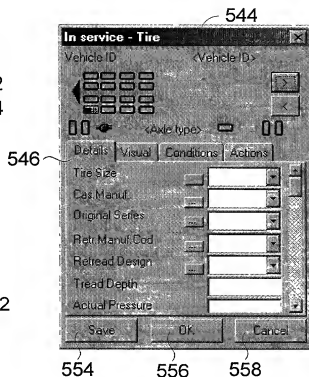


FIG. 36a

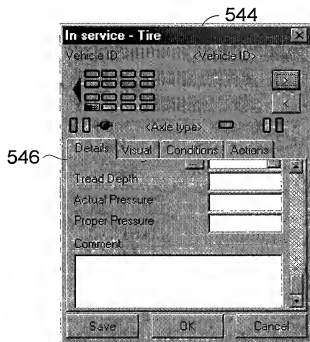


FIG. 36b





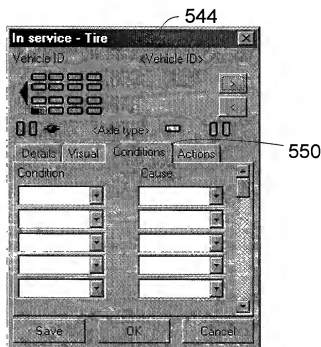


FIG. 38

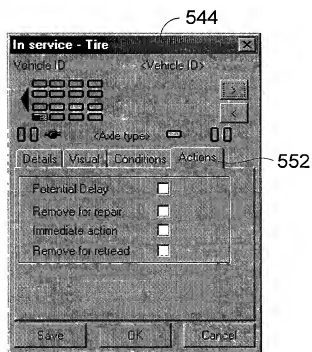


FIG. 39

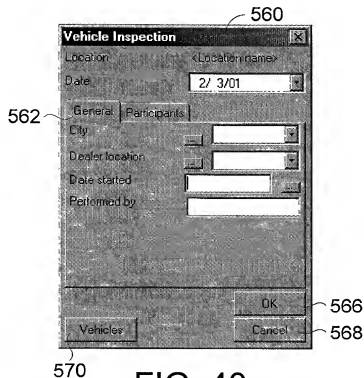


FIG. 40

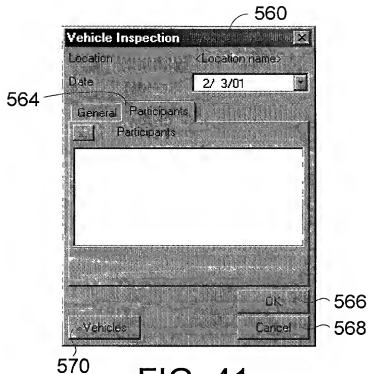


FIG. 41

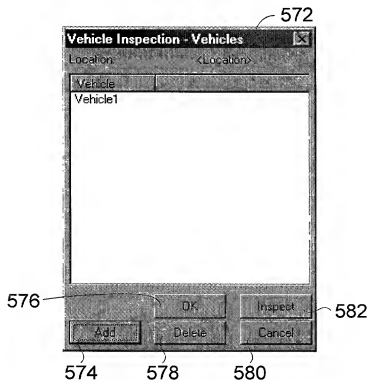


FIG. 42

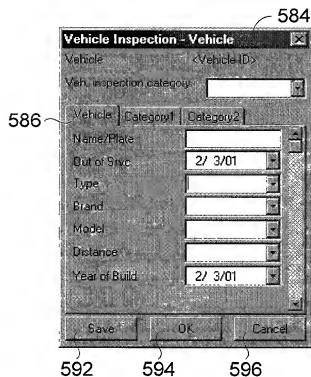


FIG. 43

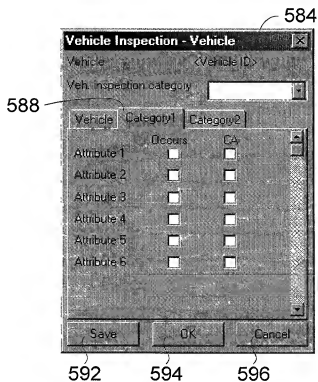


FIG. 44

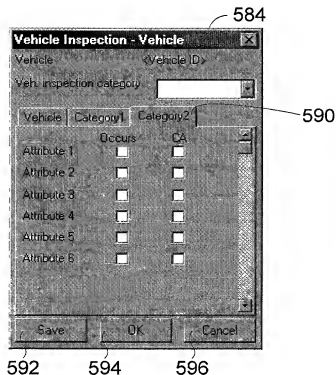


FIG. 45

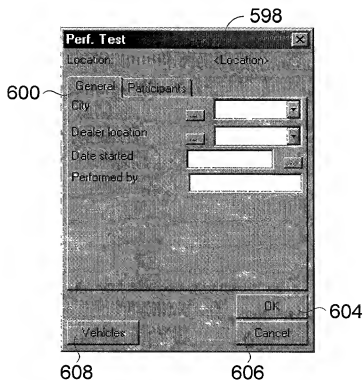


FIG. 46

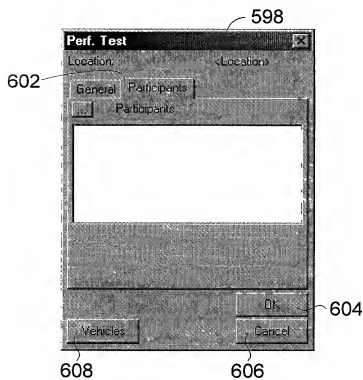


FIG. 47

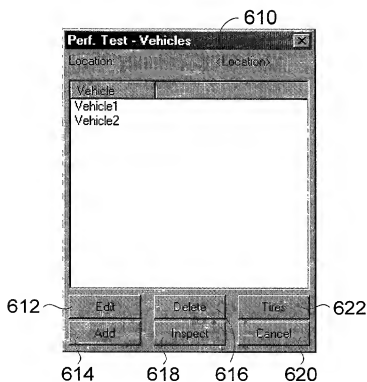


FIG. 48

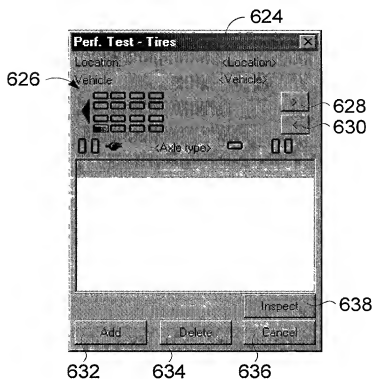


FIG. 49

640

Perf. Test - Tire

<Location name> <Vehicle name/plate>

00 00 00 00 00 00

00 <Axis type> 00

Odometer

Vehicle Tire Def. Readings

Name/Plate

Out of Svc 2/ 4/01

Type

Brand

Model

Distance

Save OK Cancel

642

648 650 652

FIG. 50a

640

Perf. Test - Tire

<Location name> <Vehicle name/plate>

00 00 00 00 00 00

00 <Axis type> 00

Odometer

Vehicle Tire Def. Readings

Unit 2/ 4/01

Serial

Man. date 2/ 4/01

Casing

Original

Rethread mon.

Save OK Cancel

644

648 650 652

FIG. 50b

640

Perf. Test - Tire

<Location name> <Vehicle name/plate>

00 00 00 00 00 00

00 <Axis type> 00

Odometer

Vehicle Tire Def. Readings

1 0 0 0 0 0

2 0 0 0 0 0

3 0 0 0 0 0

4 0 0 0 0 0

5 0 0 0 0 0

6 0 0 0 0 0

Save OK Cancel

646

648 650 652

FIG. 50c

1008360-101001

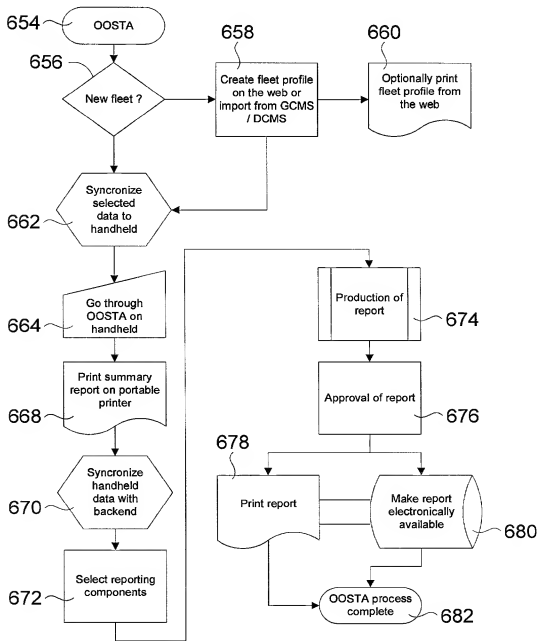


FIG. 51



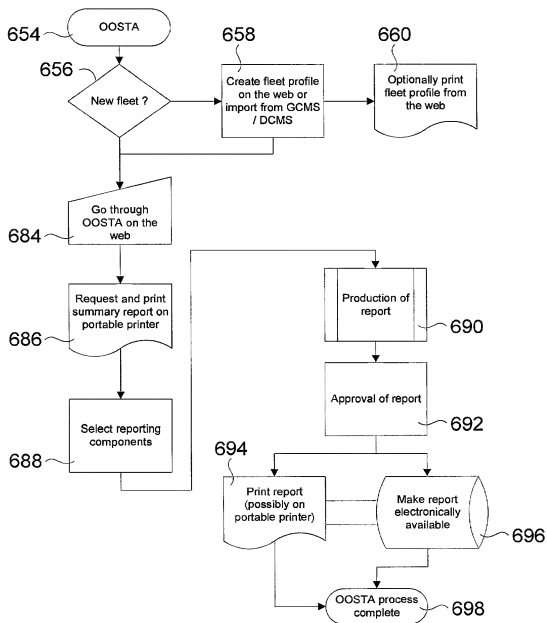


FIG. 52

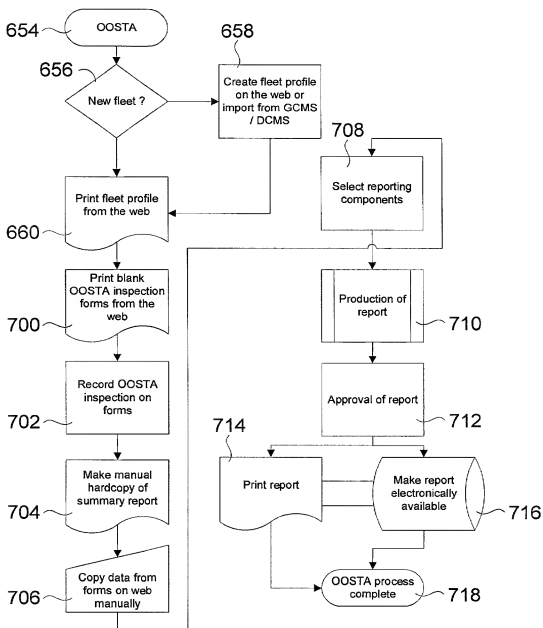


FIG. 53

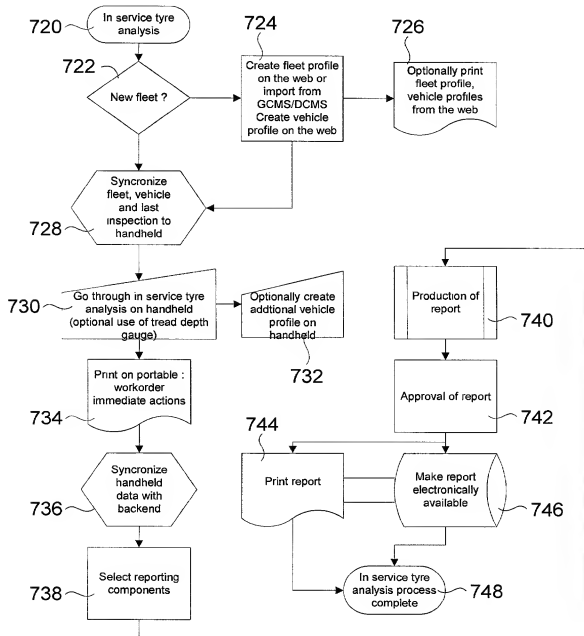


FIG. 54

1003260-101901

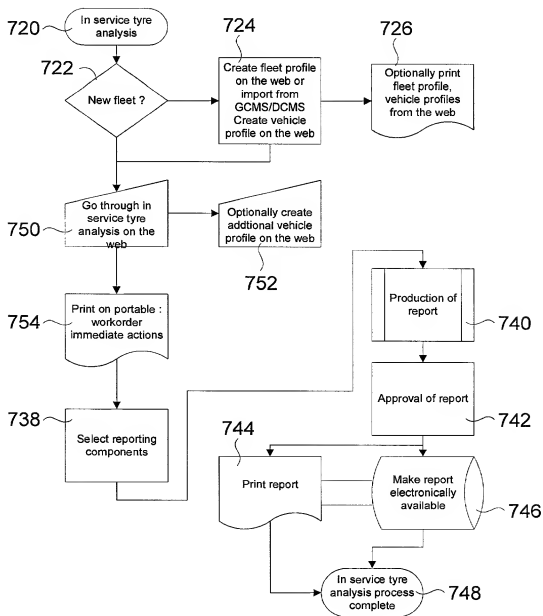


FIG. 55

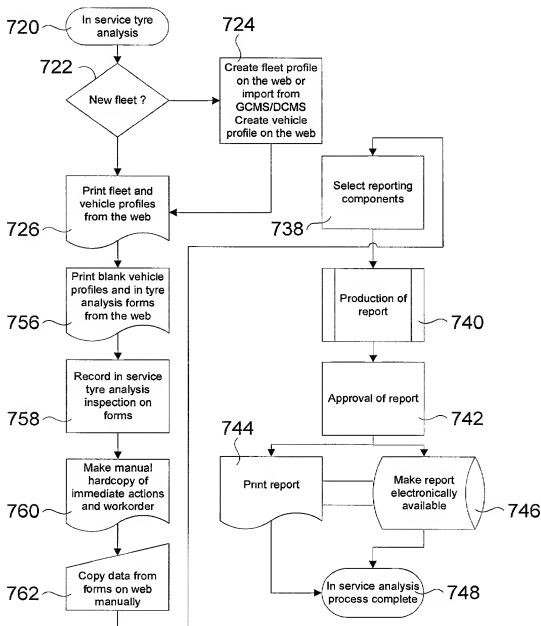


FIG. 56

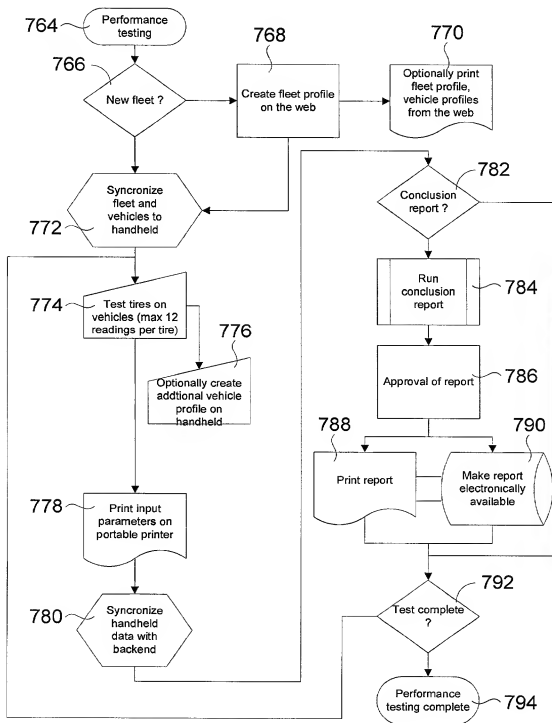


FIG. 57

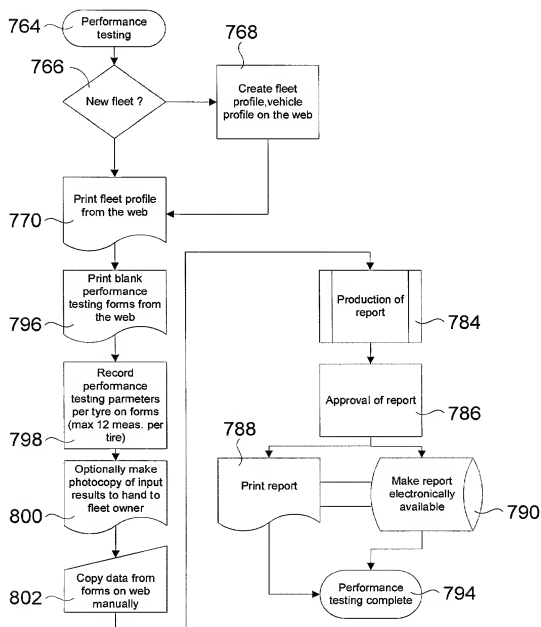


FIG. 58

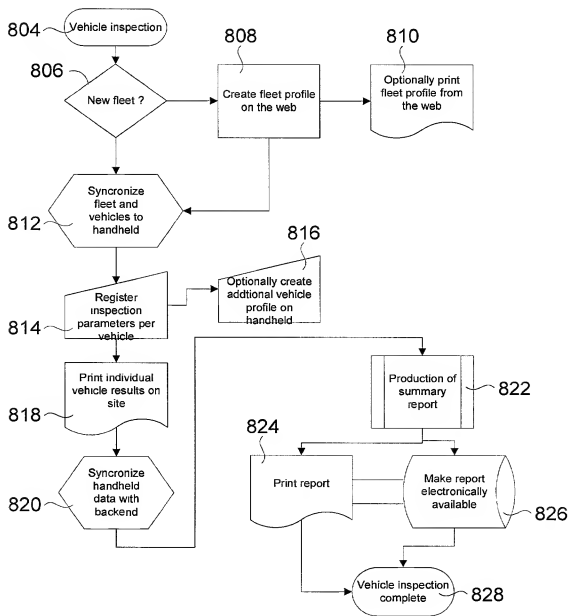


FIG. 59



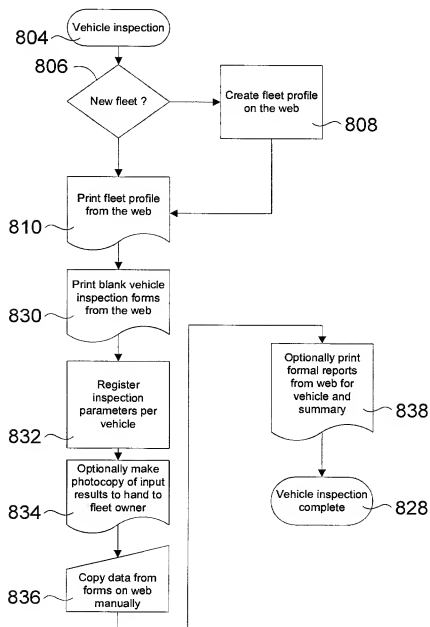


FIG. 60

FIG. 61

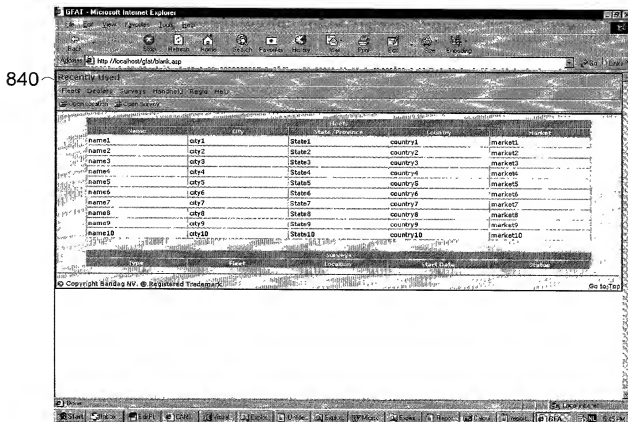


FIG. 62

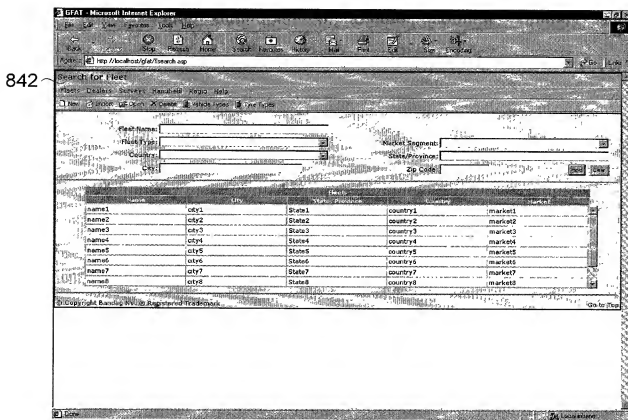


FIG. 63

846

FIG. 63 is a screenshot of a web browser displaying a form titled "Fleet Management". The form contains various input fields for fleet information, including Fleet Name, External ID, Fleet Type, Type of Use, Country, State/Province, City, Zip Code, Fleet Segment, Fleet Language, and Document Language. Below these fields is a table with columns: Fleet, Location, Importer, State, Country, and Importer. The table contains three rows of data. The browser's address bar shows "http://localhost:8080/app".

Fleet	Location	Importer	State	Country	Importer
Fleet1	Location1	Importer1	State1	Country1	Importer1
Fleet2	Location2	Importer2	State2	Country2	Importer2
Fleet3	Location3	Importer3	State3	Country3	Importer3

FIG. 64

846

FIG. 64 is a screenshot of a web browser displaying a form titled "Search for Fleet Location". The form contains input fields for Country, State/Province, City, and Zip Code. Below these fields is a table with columns: Fleet, Location, Importer, State, Country, and Importer. The table contains three rows of data. The browser's address bar shows "http://localhost:8080/app".

Fleet	Location	Importer	State	Country	Importer
Fleet1	Location1	Importer1	State1	Country1	Importer1
Fleet2	Location2	Importer2	State2	Country2	Importer2
Fleet3	Location3	Importer3	State3	Country3	Importer3

FIG. 65

848

FIG. 65 is a screenshot of a web browser displaying a "Select Location Maintenance" form. The form is titled "Select Location Maintenance" and includes a "New" button. The form is divided into several sections: "Select Location Information", "Vehicle Information", and "Copyright © 2000 by [illegible]". The "Select Location Information" section contains fields for "Location ID", "Fleet Name", "Location Name", "Country", "City", "State/Province", "Zip Code", "Valid From", "Market Segment", "Location Language", "Currency", and "Document Language". The "Vehicle Information" section contains fields for "Weight Unit", "Vehicle Unit", "Vehicle Identification", "License Plate", and "Vehicle ID". The form is displayed in a web browser window with a menu bar (File, Edit, View, Favorites, Tools, Help) and a toolbar (Back, Forward, Home, Search, Favorites, History, Mail, Print, Stop, Reload, Go, Open, Close).

FIG. 66

850

FIG. 66 is a screenshot of a web browser displaying a "Search for Dealer" form. The form is titled "Search for Dealer" and includes a "New" button. The form is divided into several sections: "Search for Dealer", "Dealer Information", and "Copyright © 2000 by [illegible]". The "Search for Dealer" section contains fields for "Dealer Name", "Country", "City", "State/Province", and "Zip Code". The "Dealer Information" section contains a table with columns for "Name", "City", "State/Province", and "Country". The table lists several dealers with their respective information. The form is displayed in a web browser window with a menu bar (File, Edit, View, Favorites, Tools, Help) and a toolbar (Back, Forward, Home, Search, Favorites, History, Mail, Print, Stop, Reload, Go, Open, Close).

Name	City	State/Province	Country
name1	city1	State1	country1
name2	city2	State2	country2
name3	city3	State3	country3
name4	city4	State4	country4
name5	city5	State5	country5
name6	city6	State6	country6
name7	city7	State7	country7
name8	city8	State8	country8

FIG. 67

852

Microsoft Internet Explorer

http://localhost/glad/maintHQ.asp

Dealer Location HQ Maintenance

Next Step: Create new/Modify Reg. Info

New Save Cancel Print

General Information

Dealer Name: \_\_\_\_\_ Country: \_\_\_\_\_ State/Province: \_\_\_\_\_ City: \_\_\_\_\_ Zip Code: \_\_\_\_\_

External System Identifier: \_\_\_\_\_ External Key: \_\_\_\_\_

Dealer Location

Name	City	State	Country
Place1	Import1	State1	Importcountry1
Place2	Import2	State2	Importcountry2
Place3	Import3	State3	Importcountry3

Copyright Bandag NV. Registered Trademark

FIG. 68

854

Microsoft Internet Explorer

http://localhost/glad/maintHQ.asp

Search for Dealer Locations

Next Step: Create new/Modify Reg. Info

New Save Cancel Print

General Information

Dealer Name: \_\_\_\_\_ Country: \_\_\_\_\_ State/Province: \_\_\_\_\_ City: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Dealer Location

Name	City	State	Country
name1	city1	State1	country1
name2	city2	State2	country2
name3	city3	State3	country3
name4	city4	State4	country4
name5	city5	State5	country5
name6	city6	State6	country6
name7	city7	State7	country7
name8	city8	State8	country8

Copyright Bandag NV. Registered Trademark

FIG. 69

856

The screenshot shows a web browser window titled 'CANWEB - Microsoft Internet Explorer'. The address bar displays 'http://localhost/frm/location.asp'. The page title is 'Create Location / Franchise Maintenance'. Below the title bar, there is a navigation menu with 'File', 'Edit', 'View', 'Format', 'Tools', and 'Help'. The main content area contains a form with the following fields:

- Location ID:** [Text Field]
- External ID:** [Text Field]
- Company Name:** [Text Field]
- City:** [Text Field]
- State/Province:** [Text Field]
- Zip Code:** [Text Field]
- External System Identifier:** [Text Field]
- External Key Reference:** [Text Field]

At the bottom of the form, there is a copyright notice: 'Copyright 2000 by N.V. B. Registered Trademark.' and a 'Go to Top' link.

FIG. 70

858

The screenshot shows a web browser window titled 'GFIAT - Microsoft Internet Explorer'. The address bar displays 'http://localhost/frm/vehinfo.asp'. The page title is 'Create Vehicle Types'. Below the title bar, there is a navigation menu with 'File', 'Edit', 'View', 'Format', 'Tools', and 'Help'. The main content area contains a form with the following fields:

- Vehicle Type:** [Text Field]
- Configuration:** [Text Field]
- Application:** [Text Field]
- Valid From:** [Text Field]
- Valid Until:** [Text Field]
- Number of Tests:** [Text Field]
- Distance per Year:** [Text Field]

At the bottom of the form, there is a copyright notice: 'Copyright 2000 by N.V. B. Registered Trademark.' and a 'Go to Top' link.

FIG. 71

860

Location Vehicles

Home Create Survey Dashboard Help

New Go

Location Vehicles Overview

Fleet Location

Vehicle Type Fleet Location

Date out of Service License plate

Year of build

Go Reset

Copyright 2006 NV. Registered Trademark Go to Top

FIG. 72

862

Search for Surveys

Home Create Survey Dashboard Help

New Go

Search for Surveys

Survey ID

Fleet Location

Vehicle Type Fleet Location

Date From Date To

Year of build

Go Reset

Inspection Type	Name Location	Survey Date	Status	Test Date	Subtotal
Inspection Type1	Name Location1	11/11/2008	status1	1	1
Inspection Type2	Name Location2	11/2/2009	status2	2	2
Inspection Type3	Name Location3	11/19/2009	status3	3	3

Copyright 2006 NV. Registered Trademark Go to Top



FIG. 74





FIG. 75

868

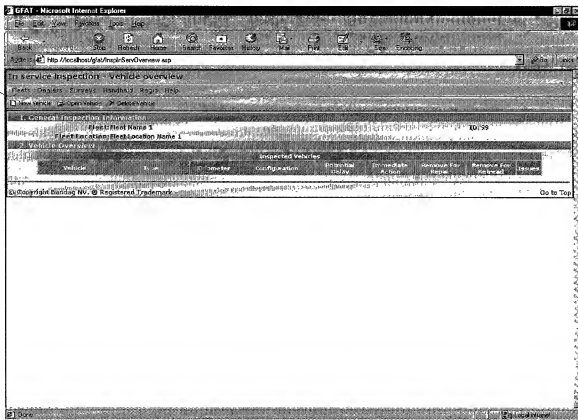
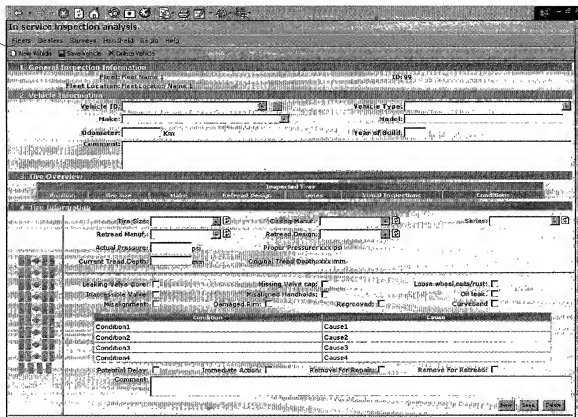


FIG. 76

870



$\frac{d}{dt} \left( \frac{\partial L}{\partial v^i} \right) = \frac{\partial L}{\partial x^i}$	$\frac{d}{dt} \left( \frac{\partial L}{\partial v^i} \right) = \frac{\partial L}{\partial x^i}$	$\frac{d}{dt} \left( \frac{\partial L}{\partial v^i} \right) = \frac{\partial L}{\partial x^i}$	$\frac{d}{dt} \left( \frac{\partial L}{\partial v^i} \right) = \frac{\partial L}{\partial x^i}$
---	---	---	---

[illegible]



FIG. 80



FIG. 81

880

Vehicle Inspection

Fleet Location/Fleet Location Name 1

Vehicle ID

Vehicle Type

Model

Year of Build

Inspection

attribute1

attribute2

attribute3

Copyright Bandag NV. Registered Trademark

FIG. 82

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Search for Reports

Fleet Type

Survey Type

Date From

Date To

Inspection Type

Inspection Date

Inspection Location

attribute1

attribute2

attribute3

Copyright Bandag NV. Registered Trademark

FIG. 83

884

Microsoft Internet Explorer

http://localhost/ufat/ufat.asp

Search for Reports

Report ID: [Text Box] First Location: [Text Box]

Survey Type: Performance Testing Status: [Text Box]

Date From: [Text Box] Date To: [Text Box]

Inspection Type: [Text Box] Market Segment: [Text Box]

Application: [Text Box] Vehicle Type: [Text Box]

Thread Design 1: [Text Box] Thread Design 2: [Text Box]

Thread Design 3: [Text Box]

Fleet	Name Location	Inspection Type	Language	Start Date	End Date
Fleet1	Name Location1	Inspection Type1	English	11/11/2000	11/11/2000
Fleet2	Name Location2	Inspection Type2	English	11/11/2000	11/11/2000
Fleet3	Name Location3	Inspection Type3	English	11/11/2000	11/11/2000

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FIG. 84

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Microsoft Internet Explorer

http://localhost/ufat/ufat.asp

Select Surveys for the Report

Report ID: [Text Box] First Location: [Text Box]

Survey Type: [Text Box] Status: [Text Box]

Date From: [Text Box] Date To: [Text Box]

Type	Fleet	Name Location	Start Date
Inspection Type1	Fleet1	Name Location1	11/11/2000
Inspection Type2	Fleet2	Name Location2	11/11/2000
Inspection Type3	Fleet3	Name Location3	11/11/2000

Type	Fleet	Name Location	Start Date
Inspection Type1	Fleet1	Name Location1	11/11/2000
Inspection Type2	Fleet2	Name Location2	11/11/2000
Inspection Type3	Fleet3	Name Location3	11/11/2000

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FIG. 85

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3 GFAT - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://localhost/gfat/main.asp

Report Maintenance

Flash Orders Surveys Handled Read Help

Download Reports

Report ID: [ ] Report Type: [ ] Report Date: [ ] Report Status: [ ]

Report ID	Report Type	Name Location	Start Date	Status
1	Inspection Type1	Name Location1	11/11/2000	Status1
2	Inspection Type2	Name Location2	11/12/2000	Status2
3	Inspection Type3	Name Location3	11/13/2000	Status3

Report Language: [ ] Weight Unit: [ ] Mileage Unit: [ ] Currency: [ ] Pressure Unit: [ ]

Component Custom Type: [ ]

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FIG. 86

890

3 GFAT - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://localhost/gfat/main.asp

Download Surveys

Flash Orders Surveys Handled Read Help

Download Surveys

Report ID: [ ] Report Type: [ ] Report Date: [ ] Report Status: [ ]

Report ID	Report Type	Name Location	Start Date	Status
1	Inspection Type1	Name Location1	11/11/2000	Status1
2	Inspection Type2	Name Location2	11/12/2000	Status2
3	Inspection Type3	Name Location3	11/13/2000	Status3

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FIG. 87

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**Fleet tire types**

File Edit View Options Database Help

Manufacturer Code:  Design/Series:  Tire Size:   
 Bias/Radi:  Tread Depth:  Price:

FleetID	Location	Manufacturer Code	Design/Series	Tire Size	Price
fleetd1	city1	code1	serie1	size1	
fleetd2	city2	code2	serie2	size2	
fleetd3	city3	code3	serie3	size3	
fleetd4	city4	code4	serie4	size4	
fleetd5	city5	code5	serie5	size5	
fleetd6	city6	code6	serie6	size6	
fleetd7	city7	code7	serie7	size7	
fleetd8	city8	code8	serie8	size8	

**Retread**

Manufacturer Code:  Design/Series:  Tire Size:   
 Bias/Radi:  Tread Depth:  Price:

FleetID	Location	Manufacturer Code	Design/Series	Tire Size	Price
fleetd1	city1	code1	serie1	size1	
fleetd2	city2	code2	serie2	size2	
fleetd3	city3	code3	serie3	size3	
fleetd4	city4	code4	serie4	size4	
fleetd5	city5	code5	serie5	size5	
fleetd6	city6	code6	serie6	size6	
fleetd7	city7	code7	serie7	size7	
fleetd8	city8	code8	serie8	size8	

**Costs**

Manufacturer Code:  Design/Series:  Tire Size:   
 Bias/Radi:  Tread Depth:  Price:

FleetID	Location	Manufacturer Code	Tire Size	Price
fleetd1	city1	code1	size1	
fleetd2	city2	code2	size2	
fleetd3	city3	code3	size3	
fleetd4	city4	code4	size4	
fleetd5	city5	code5	size5	
fleetd6	city6	code6	size6	
fleetd7	city7	code7	size7	
fleetd8	city8	code8	size8	

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FIG. 88

Tires Inspected by Vehicle Type					
Vehicle Type	Tires Per Vehicle	Vehicles In Fleet	Vehicles Inspected	% of Vehicles Inspected	Retread Ratio
Tractor/4 x 2/ Regional/Cust Alias	6	100		10%	45%
Tractor/6 x 0/ Regional/Cust Alias	6	200	20	10%	34%
Total		300	30	10%	

896

FIG. 89

Casing Brands by Vehicle Type								
Vehicle Type	Tire Size	Tire Brand	Tires Inspected	Tires In Fleet	% Inspected	Avg Annual Mileage	New Tire Price	1st Life Casing Price
Tractor/4 x 2/ Regional/Cust Alias	11R22.5	Michelin		200	0%	100000	250	100
	385/65R22.5	Goodyear Michelin						
Tractor/6 x 0/ Regional/Cust Alias	11R22.5	Michelin	99	200	50%	100000	250	100
	385/65R22.5	Goodyear Michelin						
Total			99	400	25%			

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FIG. 90

Retread Brand by Vehicle Type								
Vehicle Type	Tire Size	Retread Brand	Tires Inspected	Tires In Fleet	% Inspected	Avg Annual Mileage	Retread Price	% of Retreads
Tractor/4 x 2/ Regional/Cust Alias	11R22.5	Bandag		200	0%	100000	250	67%
	385/65R22.5	Maragoni Bandag						33%
Tractor/6 x 0/ Regional/Cust Alias	11R22.5	Bandag	99	200	50%	100000	250	10%
	385/65R22.5	Goodyear Maragoni						60%
Total			99	400	25%			30%



FIG. 91

902 

FIG. 92

Tires Inspected by Brand							
Brand	Tires Inspected	All Tires		Retreads Inspected	Total In Fleet	Retread Ratio	% of Total Tires
		Total In Fleet (est)	% of Tires				
Michelin	10	100	25%	5	50	50%	13%
Goodyear	10	100	25%	5	50	50%	13%
Bridgestone	20	200	50%	10	100	50%	50%
Total	40	400		20	200	50%	

Text:  
TBD

Sort Order: Descending on Tires Inspected

Notes: Retread Ratio = Number of Retreads divided by number of total tires  
The second graph should represent the retread ratio per casing brand

Legend:

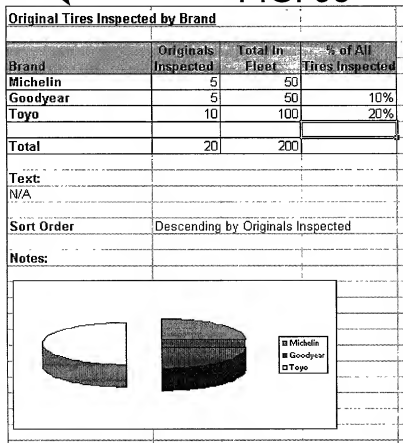
- Michelin
- Goodyear
- Bridgestone

Legend:

- Original
- Retreaded

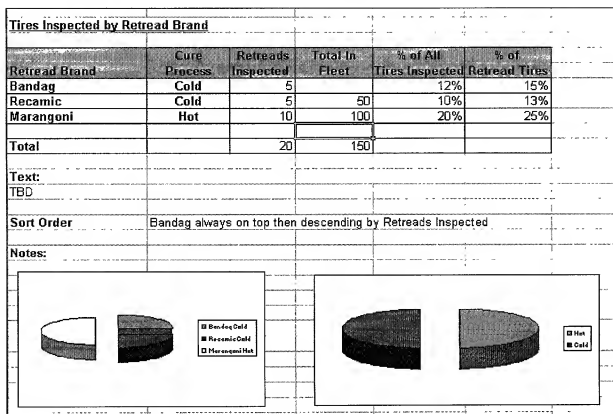
904

FIG. 93



906

FIG. 94



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908

FIG. 95

Retreads by Axle Type				
Axle Type	Tires in Fleet	Retreads in Fleet	Retread Ratio	% of Retreads Bandag
Steer	20			0%
Drive	80	40	50%	25%
Free Rolling	2400	2000	83%	30%
Lift	0	0		0%
Spare	0	0		0%
Total	2500	2,040	82%	

910

FIG. 96

Retread Potential							
Total Wheel Positions	Retread Potential	% Retread Potential	Retreads Inspected	Total Retreads in Fleet (est)	Actual % Retreads	% Actual Bandag Retreads	% with New Bands
3000	2800	93%		2800	50%	75%	5%

912

FIG. 97

Spare Tires by Tire Size				
Tire Size	Tires	% of Spares Retreaded	% Under Pressure	Average Tread Depth
11R22.5	20	5%	100%	5
12R22.5	80	7%	50%	8
Total	100	6%	60%	6

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914

FIG. 98

Tread Depths in Fleet					
Tread depth Class	Inspected Tires	Total Tires Fleet	% of Inspected Tires	Licence Plates	Comments Retreads
>5	60	600	N/A		
2<=5	100	2,000	67%	List all licence plates with this problem	Optimal for retreading
>2	16	300	9%	List all licence plates with this problem	Danger!!!
<b>Total</b>	<b>175</b>	<b>2,900</b>	<b>66%</b>		
<b>Regrooved</b>	<b>5</b>	<b>100</b>		List all licence plates with this problem	

**Text**

xx tyres are estimated at risk and YY tyres are estimated optimal for retreading

You could make an estimate of ZZ savings by pulling these casings in time

1) count tyres <2mm \* extrapolation factor 2) count tyres <2mm and <5mm \* extrapolation factor

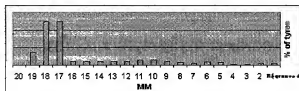
Sum [casing value for each tyre (<2 mm) and (>2mm <5mm)] extrapolation factor

**Text on dangers of regrooving**

**Sort Order**

NA

**Notes:**



916

FIG. 99

Inflation in Fleet			
Inflation Class	Inspected Tires	Total Tires Fleet	% of Inspected Tires
Over inflation 110%<	60	600	
Normal 96%-109%	50	500	27%
Under inflation 81%-95%	15	150	8%
Under inflation <80%	50	500	27%
In accessible valve	10	100	5%
<b>Total</b>	<b>185</b>	<b>1,850</b>	<b>%</b>

**Text**

Maintaining proper pressure could save you an estimate of \$777

Removing an estimate of YY tyres with less than 80% pressure could save you \$XXX

**Sort Order** NA

**Notes:**

Over inflation 110%<

Normal 96%-109%

Under inflation 81%-95%

Under inflation <80%

In accessible valve

918

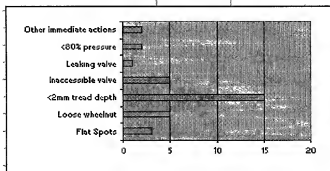
FIG. 100

Valves in Fleet					
Valve Problems	Inspected Tires	Total Tires in Fleet	% of Inspected Tires	Of which Inner Tires	% of Inner Tires
In accessible valve	10	100	10%	2	10%
Leaking valve	5	50	5%	N/A	N/A
Missing valve cap	6	60	6%	N/A	N/A
Total	21	210	%	2	%

920

FIG. 101

Immediate Actions in Fleet				
Immediate Action	Tires Inspected	Tires in Fleet	% of Inspected Tires	Vehicle Numbers
Flat Spots	3	30	10%	
Loose wheelnut	5	50	20%	
<2mm tread depth	15	150	20%	
Inaccessible valve	5	50	10%	
Leaking valve	1	10	5%	
<80% pressure	2	20	3%	
Other immediate action	2	20	1%	
Total	33	330	69%	



922

FIG. 102

Immediate Actions by Axle								
Axle Type	Immediate Action (other)	Flat Spots	Loose Wheel Nut	Tread Depth <2mm	Inaccessible valve	Inflation <80%	Leaking Valve	Total
Steer	2							2
Drive		3				2		5
Free Rolling					5			5
Lift			5					5
Spare				15			1	16
Total	2	3	5	15	5	2	1	33

FIG. 103

924

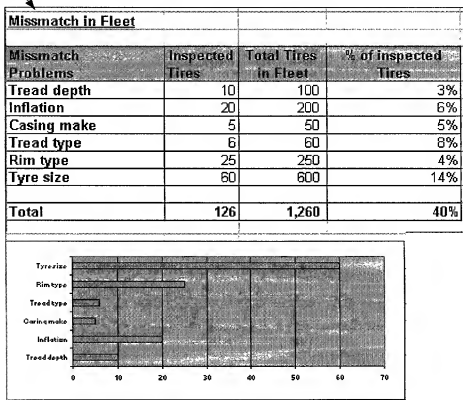


FIG. 104

925

Tread Depth Mismatch In Fleet				
Tread Depth Mismatch	% LOSS	Inspected Tires	Estimated KM Loss	Estimated Sum lost
<5mm	0	10		
5-11mm	10	20	20	30
>11mm	20	5	20	30
<b>Total</b>	<b>30</b>	<b>35</b>	<b>40</b>	<b>60</b>

FIG. 105

926

Inflation Mismatch in Fleet				
Inflation Mismatch	Inspected Tires	% Loss	Estimated KM Loss	Estimated Sum lost
0<>10	10	0		-
10<>20	20	10	50	60
20<>30	5	20	10	50
>30	20	50	20	20
<b>Total</b>	<b>55</b>		<b>80</b>	<b>130</b>

928 

Factor	Percentage (%)
Improved Dual Metering	65
Avoiding Inconvertible Values	60
Maintaining Correct Inflation	55
Avoiding re-extended	50
Removing Ties in Time	35
Using Retrograde on Space Time	25
Reducing Scrap Time	20

930 

Immediate Actions	
Vehicle Registration/ N°:	ABC123 / 25
0 = 0	Problem:
00=00	
0X=00	Pressure <80%
0X=00	Tread depth <2mm
Vehicle Registration/ N°:	DFG456 / 26
X = 0	Problem:
00=00	Loose wheel nut
00=00	
00=00	
Vehicle Registration/ N°:	DFG456 / 26
00=XX	Problem:
00=00	Tread depth <2mm/ Pressure <80%
00=00	
Text:	N/A
Sort Order	Alphabetical by Vehicle Registration

932

FIG. 108

<b>Fleet ABC</b>	
Account Number	
Location Number	
Submitted By	
Date Submitted	
<b>Work order</b>	
<b>Vehicle Registration/ N°:</b>	ABC123 / 25
<b>Action:</b>	
0 = 0	
00=00	
0X=00	Match with DFG456 (1 left outer)
0X=00	Tread depth <2mm
<b>Vehicle Registration/ N°:</b>	DFG456 / 26
<b>Action:</b>	
X = 0	Match with ABC123 (3 left inner)
00=00	
00=00	
00=00	
<b>Vehicle Registration/ N°:</b>	KLM789 / 27
<b>Action:</b>	
00=XX	Demount for retread/ Puncture check
00=00	
00=00	
<b>Text:</b>	N/A
<b>Sort Order</b>	Alphabetical by Vehicle Registration
<b>Notes:</b>	

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106101" 09283001

FIG. 109

OOSTA Summary

Tire's Inspected	Number Rib	% Rib	Number Traction	% Traction	Net Retreaded	Retreaded One	Retreaded Two	Retreaded Average	Casing Age	Avg Original Age	Avg Retread Age
Bias	99	50%	99	50%	29	30	20	20	5	2	7
Radial	99	50%	99	50%	29	30	20	20	5	2	7

Text:

N/A

FIG. 110

Usable Tread by Action

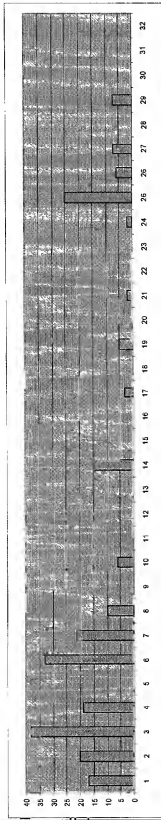
Action	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Retreadable	10	20	10	15	2	1																										
Repairable		5	10		5	5	2																									
New Adjustable	3	5	9	0	6	3																										
Retread Adjustable	10	5	0	5	8	4																										
Scrap	4	3	8			6																										
Total	17	20	38	19	0	33	21	10	0	6	0	0	0	0	3	0	5	0	2	0	0	2	0	6	7	0	7	0	0	0	0	0

Text:

TBD

Sort Order

Exactly as shown



938

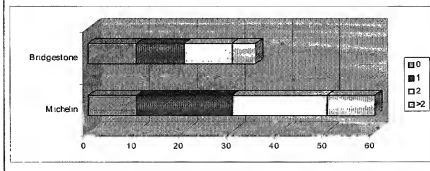
FIG. 111

**Times Retreaded by Brand**

Brand	Times Retreaded					Total	% of Total
	0	1	2	>2			
Michelin	10	20	20	10		60	63%
Bridgestone	10	10	10	5		35	37%
Total	20	30	30	15		95	100%

Text: TBD

Sort Order Descending on Total



940

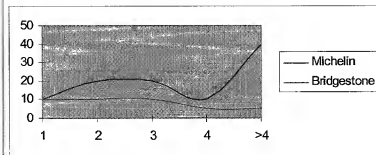
FIG. 112

**Casing Age by Brand**

Brand	Casing Age					Total	% of Total
	1	2	3	4	>4		
Michelin	10	20	20	10	40	100	71%
Bridgestone	10	10	10	5	5	40	29%
Total	20	30	30	15	45	140	100%

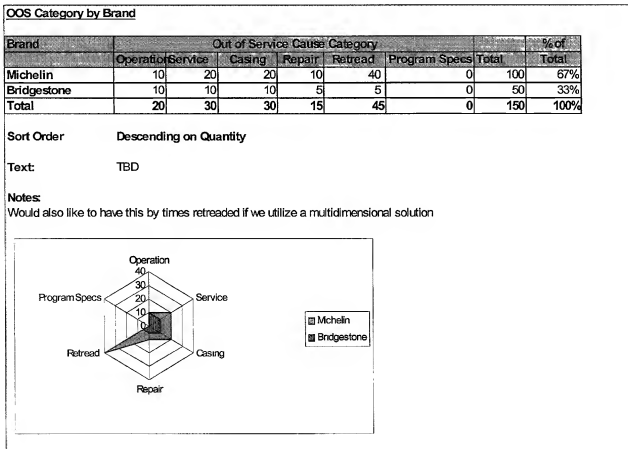
Text: TBD

Sort Order Descending on Total



942

FIG. 113



944

FIG. 114

**OOS Cause by Brand**

Brand	Out of Service Cause Category						Total	% of Total
	Michelin	Bridgestone	Goodyear	Toyo	Yokohama	General		
Operation	10	20	20	10	40	15	115	100%
Impact Break	5	5	10	1	40	5	66	57%
Break Skid	3	5	5	9	0	5	27	41%
Curbing	2	10	5	0	0	5	22	81%
Service	10	10	10	5	5	0	40	
Detail								
Retread	0	0	0	0	0	0	0	
Detail								
Repair								
Casing								
Program Spec								
<b>Total</b>	<b>20</b>	<b>30</b>	<b>30</b>	<b>15</b>	<b>45</b>	<b>15</b>	<b>155</b>	

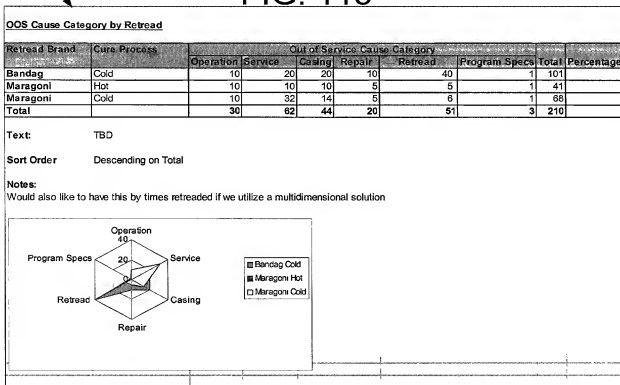
Sort Order: Total Cause Code within Total Cause Category Descending

Text: N/A

Notes:  
 Would also like to have this by times retreaded if we utilize a multidimensional solution

946

FIG. 115



948

FIG. 116

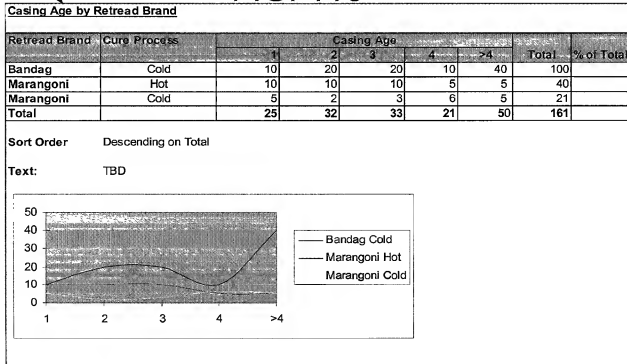


FIG. 117

Crashing Age	Times Retreated					Total	% of Total
	0	1	2	>2			
1	99	99	99	99	396	19%	
2	99	99	99	99	396	19%	
3	99	99	99	99	396	19%	
4	297	297	297	5	896	43%	
5	2	1	2	2	7	0%	
6+	3	2	3	3	11	1%	
<b>Total</b>	<b>599</b>	<b>597</b>	<b>599</b>	<b>307</b>	<b>2,102</b>	<b>100%</b>	

Would also like to have this broken out by brand if we utilize a multidimensional solution  
May not need the breakdown of quantity and percentage or may need to add this to other reports

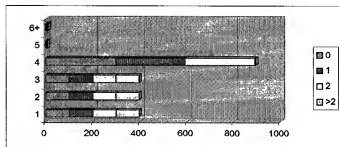


FIG. 118

	Brand	Tread Design	Tire Size	Tire DOT	Quantity	%
<b>Retreadable</b>	Michelin	UDR	11R22.5	H23T065	5	11%
	Michelin	UDR	11R22.5	H23T065		
<b>Repairable</b>	Michelin	UDR	11R22.5	H23T065	10	22%
	Michelin	UDR	11R22.5	H23T065		
<b>New Adjustable</b>	etc.				10	22%
<b>Retread Adjustable</b>	etc.				5	11%
<b>Scrap</b>	etc.				15	33%
<b>Total</b>					<b>45</b>	<b>100%</b>

**Signature:**